

# NEW PRODUCTS EVALUATION COMMITTEE MEETING

**August 25, 2015**

Georgia Department of Transportation--Office of Materials and Testing  
15 Kennedy Dr. Forest Park, GA 30297

<b><u>NPE COMMITTEE</u></b>			
<b>Rick Douds</b>	<i>Chairman - OMAT</i>	<b>Brennan A. Roney C</b> (770)584-1583	<i>Secretary - OMAT</i>
(404) 608-4805	OMR Room 108	(404) 608-4816	OMR Room 305
<b><u>NPE COMMITTEE MEMBERS</u></b>			
<b>Brad Young</b>	<i>OMAT - Soil, Physical, &amp; Chemical</i>	<b>Tony Eadie</b>	<i>G.O. – Roadway Design</i>
(404) 608-4813	OMAT Room 306	(404) 631-1662	G.O. Roadway Design 27 <sup>th</sup> floor
<b>Ben Rabun</b>	<i>G.O. - Bridge Design &amp; Maintenance</i>	<b>Larry Barnes</b>	<i>Maintenance</i>
(404) 631-1985	<i>G.O. Bridge Office 24<sup>th</sup> floor</i>	C (404) 772-9922	<i>G.O. Maintenance</i>
<b>Keith Murphy C</b> (404) 623-9325	<i>TMC - Traffic Operations</i>	<b>Andy Lindsey C</b> (404) 556-7912	<i>G.O. – Construction</i>
(404) 635-2849	TMC - Bldg. 24	(404) 631-1970	G.O. 11 <sup>th</sup> Floor
<b>Beau Quarles</b>	<i>G.O. – Design Policy and Support</i>	<b>Shajan Joseph C</b> 404-272-9264	<i>State Utilities Construction Engineer</i>
(404) 631-1615	<i>G.O. 25<sup>th</sup> Floor</i>	404-347-0604	G.O. 10 <sup>th</sup> Floor
<b>Daryl L. Williams C</b> (404) 326-5986	<i>Environmental Compliance Bureau</i>	<b>Ben Ruzowicz</b>	<i>GA Soil and Water Conservation Commission</i>
(404) 631-1763		(706) 552-4470 Athens	
<b>Scott R. Susten</b>	<i>Office of Transportation Data</i>		
(770) 347-0695	North Annex		

<b><u>ASSISTING IN LOCATING FIELD TEST SITES</u></b>			
<b>Clayton Bennett C</b> (404) 519-9287	<i>Bridge Maintenance</i>	<b>Edlin Regis C</b> (404) 326-5611	<i>Signal Engineer District 7</i>
(404) 635-2889		(770) 986-1266	

## **Presentations**

<b>Time</b>	<b>*NPE # / Product*</b>	<b>*Guest(s)*</b>	<b>*Meeting type* (In Person, Phone Conf.)</b>	<b>*Phone Number*</b>
9:00	1505-4 – Flex Connection, Inc. D.B.A. Joints – “Tap-N-TEE Saddle”	Michael Bea	Phone Conf.	626-818-3172 Cell 626-448-2100 Office
9:15	1506-3 – Twilight B.V. – “Twilight B.V.”	Sean Cook	In Person	404-441-9032 Cell
9:30	1507-3 – Blue Earth EPS – “UPS Stealth”	Jason Beans Kelly Mears	Phone Conf.	503-501-2402 Jason Off. 678-570-5858 Kelly Cell 770-817-3056 Kelly Off.
9:45	1506-1 – Aqua Patch Road Materials LLC – “Aqua Patch”	Jun Goto	In Person	310-560-1830 Cell
10:00	1507-2 – K&K Systems, Inc. – “MSAS MUTCD Sign Alert System”	Chip Phillips	In Person	662-566-2025 Office
10:15	1505-5 – Prism Lighting Services, LLC – “Prism Lighting Services, LLC”	Manish Kothari	Phone Conf.	904-880-9900X111 Office

10:30	1506-2 – EdenCrete Industries Inc. – “EdenCrete 500”	Roger Marmaro, Greg Solomon, Jon Belkowitz, Robbie Reed and John Walraven	In Person	480-250-2502 Roger Cell 866-350-8130 Office
10:45	1507-1 – Ecoturf Midwest Inc. – “Ecoduty Degradable Stakes”	Ed Glatt	Phone Conf.	630-350-9500 Office

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# NEW BUSINESS

## **NPE #: 1505-4 – Flex Connection, Inc. D.B.A. Joints – “Tap-N-TEE Saddle”**

**Product Description:** The TAP-N-TEE SADDLE” by JOINTS COUPLINGS provides an economical lateral pipe connection that links wastewater and storm-water services to mains. Unlike traditional sewer saddles that require strapping around pipe, the TAP-N-TEE SADDLE allows for lateral connections at the time of excavation, without having to take out pipe segments and ground material. Through physics, the TAP-N-TEE SADDLE creates a watertight, corrosion resistant and root-free seal; the seal is flexible and durable during earthquakes and ground movement. Contractors have found the TAP-N-TEE a cost effective solution in both urban and rural environments. Contractors also enjoy using the TAP-N-TEE where there is a tricky lateral connection. Similar lateral connection couplings often break, but the TAP-N-TEE’s design makes it flexible and durable.

**Material Composition:** EPDM or SBR Rubber sleeve, stainless steel nut and bolt clamp, and shear band with worm gear tightening devices.

**Recommended Use:** The Tap-N-Tee Saddle replaces wye and tee branches for connecting gravity fed pipe systems, like sewers and drainage pipe. Connects lateral house or building pipe to main line sewer. Flexibility and physics of Tap-N-Tee make it more durable with movement caused by seasonal temperature changes.

**Product meets GDOT Specification:** No Existing GDOT specification

**Cost:** 4-inch: \$50.00      6-inch: \$75.00      8-inch: \$90.00

**Committee Recommendation:**

**Important Dates:**

**Notes:**

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WITHDRAWN/NO ACTION \_ PROJECT TO PROJECT \_ ALLOW THE USE \_

## **NPE #: 1505-5 – Prism Lighting Services, LLC – “Prism Lighting Services, LLC”**

**Product Description:** One person can raise the PIL with metal halide lamp (1000W equivalent to 95000 lm of brightness) to a height of up to 4.5 meters (15 feet), without using a metallic structure, in order to allow illumination over a vast area, in just a few seconds.

**Material Composition:** Stainless steel, Aluminum, FRP, Nylon RipStop cloth.

**Recommended Use:** Portable Scene lighting, Emergency, Safety, EMS, Traffic, Military, Construction, Mining, Entertainment, Policy, Fire Dept., Nighttime golf etc.

**Product meets GDOT Specification:** No Existing GDOT specification

**Cost:** pls ask for price list

**Committee Recommendation:**

**Important Dates:**

**Notes:**

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### **NPE #: 1506-1 – Aqua Patch Road Materials LLC – “Aqua Patch”**

**Product Description:** Water activated cold mix asphalt. Performance is equivalent to hot mix asphalt. Use in winter or rain. Easy to use...just add water.

**Material Composition:** Aggregate (limestone) and binder.

**Recommended Use:** Pothole repair on freeways.

**Product meets GDOT Specification:** No Existing GDOT specification

**Cost:** \$35/bag

**Committee Recommendation:**

**Important Dates:**

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### **NPE #: 1506-2 – EdenCrete Industries Inc. – “EdenCrete 500”**

**Product Description:** EdenCrete 500 is a Carbon Nanotube enriched liquid additive that increases the strength and durability of concrete thereby improving its resistance to shrinkage, failures resulting from compressive and flexural forces, and increased resistance to steel corrosion.

**Material Composition:** Universal suspended carbon nanotubes admixture designed to increase the overall performance of concrete.

**Recommended Use:** Concrete shrinkage reduction, increased compressive strength, increased flexural strength, increase in corrosion resistance.

**Product meets GDOT Specification:** No Existing GDOT specification

**Cost:** Variable

**Committee Recommendation:**

**Important Dates:**

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**NPE #: 1506-3 – Twilight B.V. – “Twilight B.V.”**

**Product Description:** Twilight’s has invented a solution what provides “Light on Demand” based on sensor technology. When there is no human presence detected, the light will dim to a pre-defined level. But when there is human presence detected, the lights will light up to a wanted level.

**Material Composition:** Plastics, Electronics PCB’s, Cables and Batteries.

**Recommended Use:** The solution of Twilight is meant to be provided on outdoor lighting for example at: secondary roads, University Campuses, Business Areas, Bicycle Paths, Parking Lots, Railway Stations, etc.

**Product meets GDOT Specification:** No Existing GDOT specification

**Cost:** Project-based. Range through \$99 to \$250.

**Committee Recommendation:**

**Important Dates:**

**Notes:**

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**NPE #: 1507-1 – Ecoturf Midwest Inc. – “Ecoduty Degradable Stakes”**

**Product Description:** 100% Oxo-Biodegradable Stakes in sizes of 4” and 6”

**Material Composition:** Recycled Polypropylene resin with additive to cause product to break down in 24-36 months and biodegrade completely thereafter.

**Recommended Use:** Ecoduty stakes are used to anchor erosion blankets, turf, protective covers, landscape fabrics, jute matting and netting.

**Product meets GDOT Specification:** No Existing GDOT specification

**Cost:** 0.10 per stake

**Committee Recommendation:**

**Important Dates:**

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## **NPE #: 1507-2 – K&K Systems, Inc. – “MSAS MUTCD Sign Alert System”**

**Product Description:** Sign Alert Systems are designed to warn drivers of approaching signs, to enhance the visibility of signs in inclement weather conditions, and increase road safety. With Sign Alert’s ultra-bright LEDs, drivers are cautioned in advanced of dangerous intersections or curves, hazardous road conditions or entering work or school zones. Sign Alert Systems can be moisture activated, radar activated, push button activated, or activated by high water levels.

**Material Composition:** See Specifications Attached

**Recommended Use:** Warning & alert on State & Federal highways and interstates.

**Product meets GDOT Specification:** No Existing GDOT specification

**Cost:** \$1,700.00

**Committee Recommendation:**

**Important Dates:**

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## **NPE #: 1507-3 – Blue Earth EPS – “UPS Stealth”**

**Product Description:** Blue Earth provides battery backup systems lead acid free 98% efficient.

**Material Composition:** Nickel zinc batteries.

**Recommended Use:** Battery Backup System designed for transportation market.

**Product meets GDOT Specification:** Product falls outside of current GDOT specification Details: Nickel zinc battery versus lead acid.

**Cost:**

**Committee Recommendation:**

**Important Dates:**

**Notes:**

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